## Abstract of the Disclosure

A protein which induces the IFN- $\gamma$  production by immunocompetent cells and has a molecular weight of 19,000±5,000 daltons on SDS-PAGE or gel filtration method and a pI of 4.8±1.0 on chromatofocusing. The protein is isolated from mouse liver and can be purified by a monoclonal antibody specific to it. The monoclonal antibody can be also used for assaying the protein.